

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S42 | 273 | (amplitude\$1 or magnitude\$1 or gain\$1 or level\$1) near3 (adjust\$4 or limit\$4 or correct\$4) same phase\$1 near3 (offset\$1 or shift\$4 or displacement\$1) same ((digital near3 modulat\$4) or qam\$1 or psk\$1 or fsk\$1 or qpsk\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/06 14:54 |
| S43 | 94 | (amplitude\$1 or magnitude\$1 or gain\$1 or level\$1) near3 (adjust\$4 or limit\$4 or correct\$4) with phase\$1 near3 (offset\$1 or shift\$4 or displacement\$1) same ((digital near3 modulat\$4) or qam\$1 or psk\$1 or fsk\$1 or qpsk\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/06 15:02 |
| S44 | 69 | (amplitude\$1 or magnitude\$1 or gain\$1 or level\$1) near3 (adjust\$4 or limit\$4 or correct\$4) with phase\$1 near3 (offset\$1 or shift\$4 or displacement\$1) same modulat\$4 same ((digital near3 modulat\$4) or qam\$1 or psk\$1 or fsk\$1 or qpsk\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/06 15:03 |
| S45 | 148 | (amplitude\$1 or magnitude\$1 or gain\$1 or level\$1) near3 (adjust\$4 or limit\$4 or correct\$4 or control\$4) with phase\$1 near3 (offset\$1 or shift\$4 or displacement\$1) same modulat\$4 same ((digital near3 modulat\$4) or qam\$1 or psk\$1 or fsk\$1 or qpsk\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/06 15:31 |
| S47 | 5 | (amplitude\$1 or magnitude\$1 or gain\$1 or level\$1) near3 (adjust\$4 or limit\$4 or correct\$4 or control\$4) with phase\$1 near3 (offset\$1 or shift\$4 or displacement\$1 or rotat\$4) same modulat\$4 same ((digital near3 modulat\$4) or qam\$1 or psk\$1 or fsk\$1 or qpsk\$1) and clos\$4 near3 loop\$1 and (weight\$4 or coefficient\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/06 15:43 |
| S48 | 59 | derryberry and weight\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/06 15:44 |

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| S51 | 14 | (signal\$1 or data\$1 or point\$1 or bit\$1 or symbol\$1) near3 map\$5 and phase\$1 near3 (shift\$4 or off\$2set\$1 or displac\$4 or rotat\$4) same sign\$1 near3 (inver\$4 or conver\$4 or chang\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | USPAT | OR | OFF | 2006/03/06 17:43 |
| S55 | 30 | (signal\$1 or data\$1 or point\$1 or bit\$1 or symbol\$1) near3 map\$5 and phase\$1 near3 (shift\$4 or off\$2set\$1 or displac\$4 or rotat\$4) same ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 15:48 |
| S57 | 2 | phase\$1 near3 (shift\$4 or off\$2set\$1 or displac\$4 or rotat\$4) same ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (aplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | USPAT | OR | OFF | 2006/03/07 16:46 |
| S59 | 50 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | USPAT | OR | OFF | 2006/03/07 18:05 |

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| S62 | 51 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1 or peak\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4 or clip\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | USPAT | OR | OFF | 2006/03/07 16:56 |
| S64 | 2778 | (375/295,298,299,300,302,303,304,305,308).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/07 17:32 |
| S65 | 5 | S62 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 17:32 |
| S67 | 8 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4 or normali\$6 or scal\$4) same phase\$1 near3 (shift\$4 or rotat\$4 or displac\$5 or control\$4 or off\$2set\$1) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | USPAT | OR | OFF | 2006/03/07 18:12 |
| S68 | 57 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4 or normali\$6 or scal\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | USPAT | OR | OFF | 2006/03/07 18:17 |

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| S70 | 13 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (normali\$6 or scal\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:13 |
| S71 | 88 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4 or normali\$6 or scal\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:40 |
| S72 | 89 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1 or peak\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4 or normali\$6 or scal\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:36 |
| S74 | 112 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4 or normali\$6 or scal\$4 or multipl\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:41 |

EAST Search History

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| S75 | 34 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (multipl\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:43 |
| S76 | 3182 | (375/260,267,268,269,270,271,272,273,274,275,279,280,281,282,283).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:46 |
| S77 | 427 | S64 and S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:46 |
| S78 | 5533 | S64 or S76 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:47 |
| S80 | 14 | S76 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/07 18:48 |
| S83 | 2778 | (375/295,298,299,300,302,303,304,305,308).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/08 10:52 |
| S84 | 112 | ((sign\$1 near3 (inver\$4 or conver\$4 or chang\$4)) or (zero\$1 near3 (replac\$5 or inser\$4 or plac\$4))) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4 or normali\$6 or scal\$4 or multipl\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/08 11:25 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S85 | 3182 | (375/260,267268,269,270,271,272,273,274,275,279,280,281,282,283).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/08 10:52 |
| S86 | 5533 | S83 or S85 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/08 10:52 |
| S87 | 21 | S86 and S84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/08 10:52 |
| S88 | 9 | S83 and S84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/08 11:20 |
| S89 | 14 | S85 and S84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/08 11:21 |
| S90 | 79 | sign\$1 near3 (inver\$4 or conver\$4 or chang\$4) same (attenuat\$4 or amplitude\$1 or magnitude\$1 or gain\$1 or level\$1 or power\$1 or energ\$3 or impulse\$1) near4 (control\$4 or adjust\$4 or correct\$4 or recover\$4 or limit\$4 or normali\$6 or scal\$4 or multipl\$4) and (psk\$1 or qpsk\$1 or fsk\$1 or ((phase\$1 or frequenc\$3) near2 shift\$4 near2 key\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/08 11:26 |